Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 16 Feb 2021 until 23:59 on Wednesday 17 Feb 2021

Forecast Issued on Tuesday 16 Feb 2021 at 04:29

Confidence: High confidence for an unsettled week of periods of rain and strong winds, mostly from the south or southwest giving milder conditions aiding the continued thaw of snow from lower levels. Lower confidence for timings and amounts of rainfall.

Headline for Tuesday 16 Feb 2021: Quite cloudy at times and some showers possible in the afternoon, strong winds.

Mountain weather hazards on Tuesday 16 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain showers	Heavy rain showers	Cloudy
Precipitation probability					
80%	20%	20%	40%	60%	20%

Forecast for Tuesday 16 Feb 2021

Weather: Rain pushes east by dawn but it will remain quite dull and cloudy for a time before some clearer spells later in the day. In the afternoon there is a risk of a few showers around the Peaks, with a chance that some may turn briefly heavy.

Chance of cloud free mountain/hill tops above 600m: 30% initially but a few breaks developing especially in the afternoon so increasing to 70%.

Visibility: During the morning some breaks will develop and the base will lift to around 600m however there will be patches of lower cloud for much of the day. Visibility will deteriorate to moderate or poor in showers and cloud will thicken and lower in showers again. More chance of clearance around the more northerly hills in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 16 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/32 SW	26/32 SW	25/31 SW	22/28 SW	17/23 W	20/27 SW	20/29 SW
300	19/26 SW	19/26 SW	18/24 SW	15/23 SW	11/16 SW	13/21 SW	14/25 SW
Valley	9/24 SW	10/25 SW	12/23 SW	10/21 SW	6/14 SW	9/20 SW	8/22 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	5/-1	5/-0	6/0	4/-1	3/-2	3/-3
300	8/4	7/3	8/4	8/5	6/3	5/1	5/1
Valley	8/5	8/5	9/6	9/7	6/5	6/3	5/2
Freezing Level*	1400m	1300m	1200m	1200m	1200m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level falling during the day but any remaining snow thawing helped along by the overnight rain. Still feeling cool in the strong winds, these easing later in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 16 Feb 2021	N/A	N/A	N/A

Forecast for Wednesday 17 Feb 2021

Weather: A period of rain overnight will clear to leave a brighter day with showers but also some bright or sunny spells. Further rain is expected later in the day.

Maximum wind: Southerly 20mph with gusts 35-40mph.

Chance of cloud free mountain/hill tops above 600m: 40% in the morning, increasing to 70% as rain clears but may reduce as showers move through and cloud covers the hill tops at times.

Visibility: Cloud bases likely to be around 400m in the morning as rain clears but cloud will lift and break leaving good or excellent visibility out with showers. In any showers visibility is likely to become moderate or poor for a time and cloud is likely to lower over the tops to 600m again.

Temperature: **Valleys:** Plus 5 rising to 9 Celsius.
At 600m: Plus 3-4 Celsius
Freezing level: Above summits

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